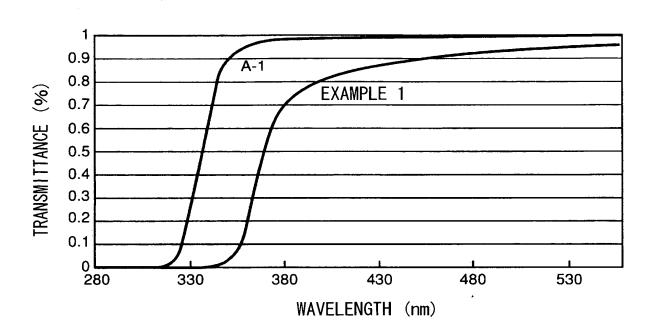
FIG. 1



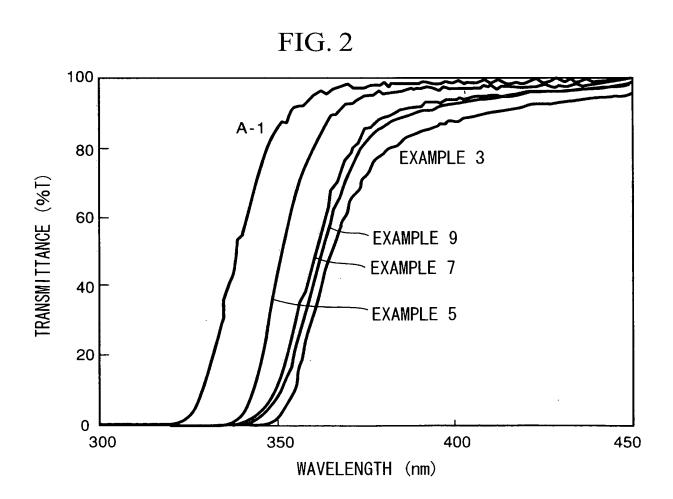
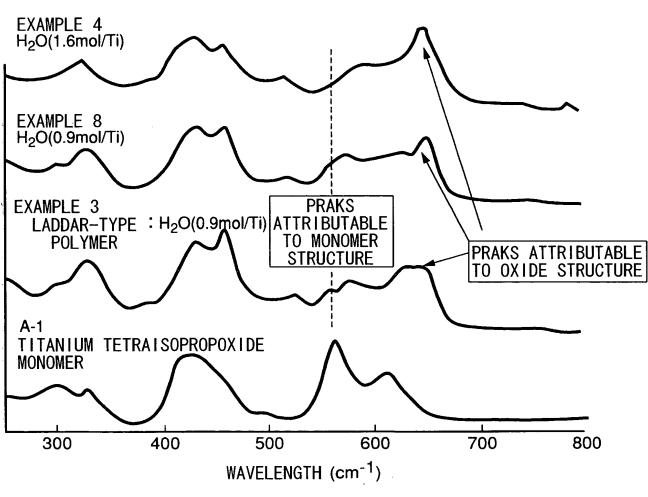
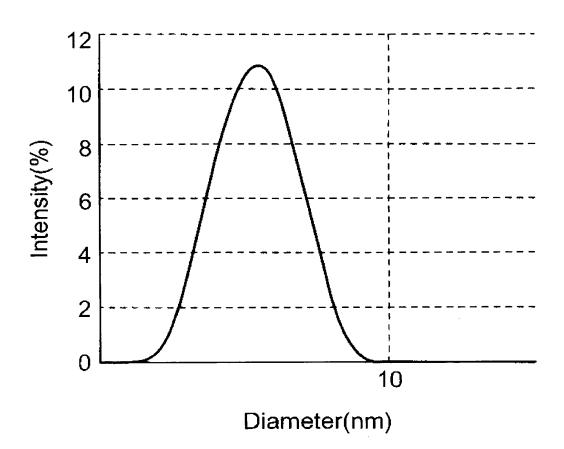


FIG. 3



Raman SPECTRA

FIG. 4



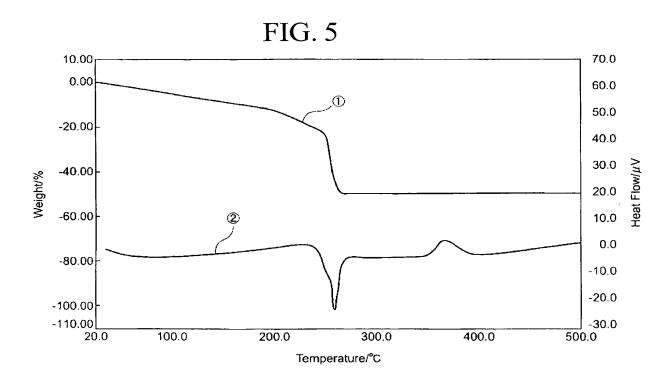


FIG. 6

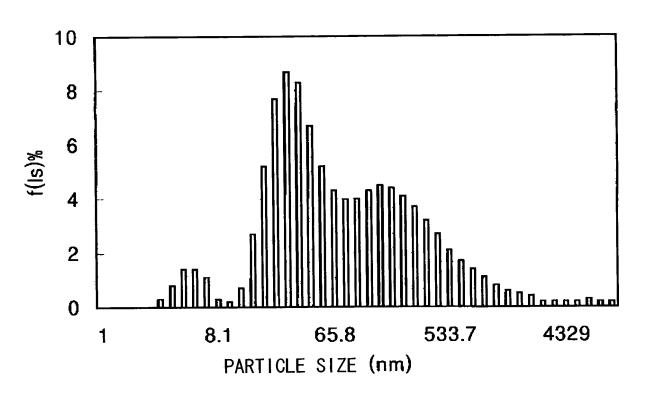
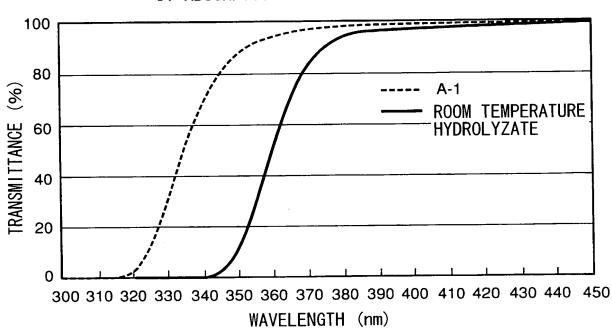
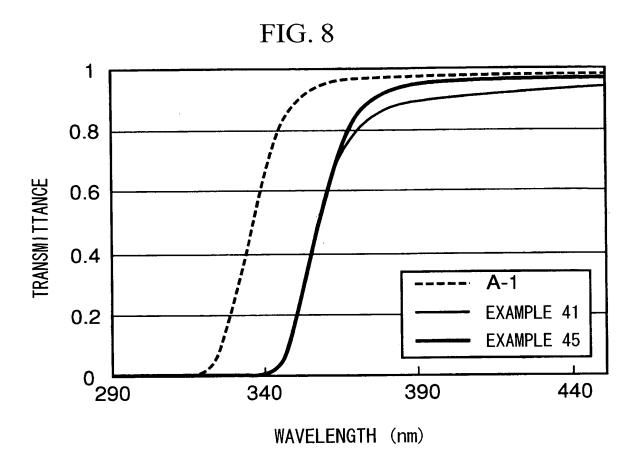


FIG. 7
UV ABSORPTION BY TITANIA SOLS





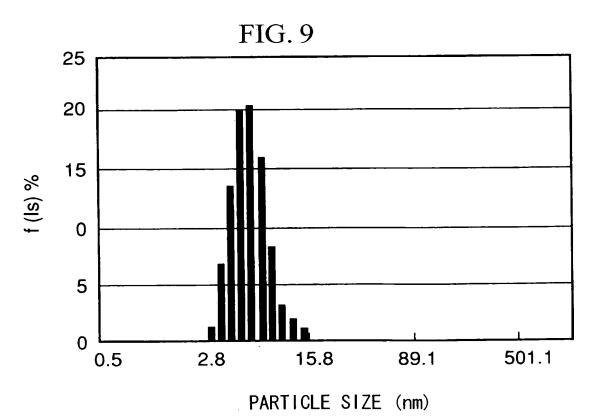


FIG. 10

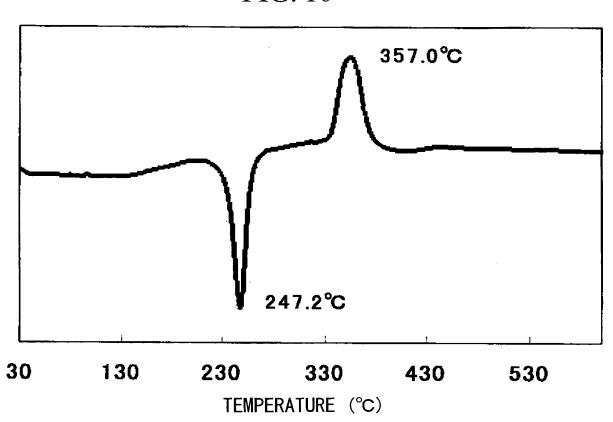
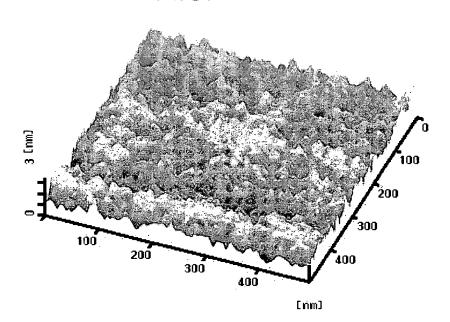
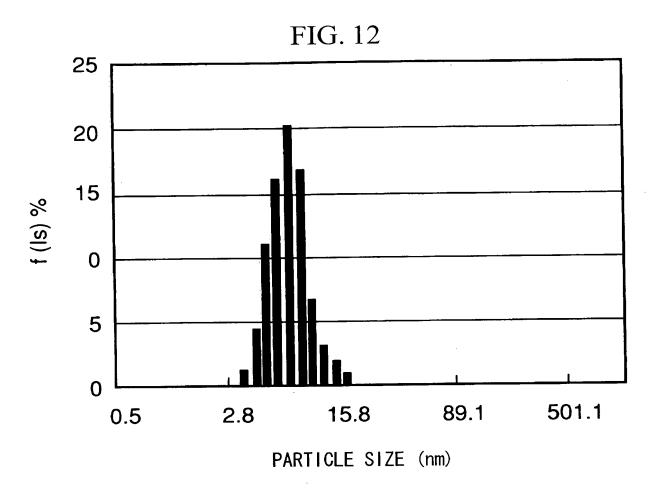


FIG. 11





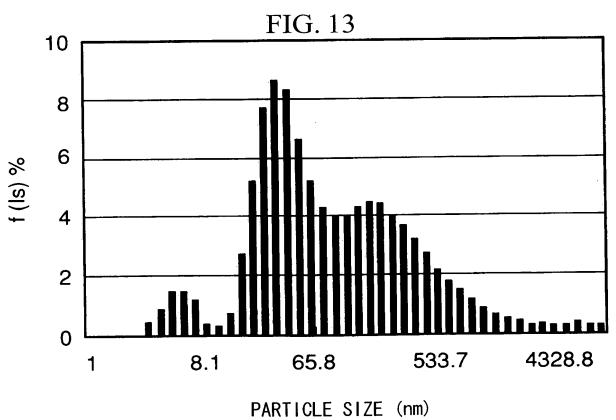
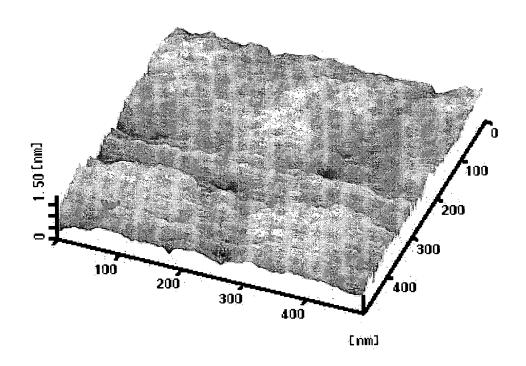


FIG. 14



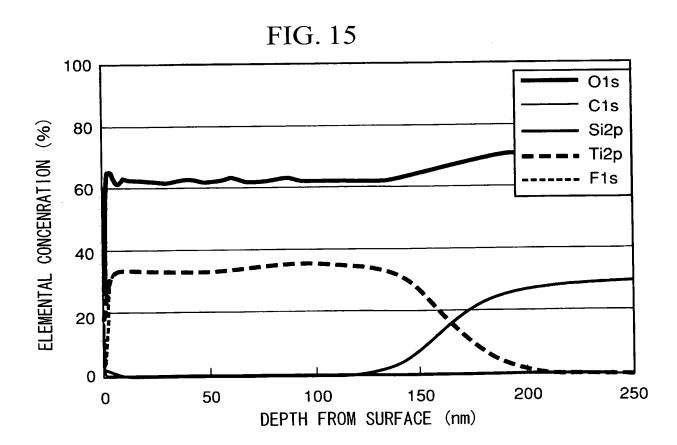


FIG. 16

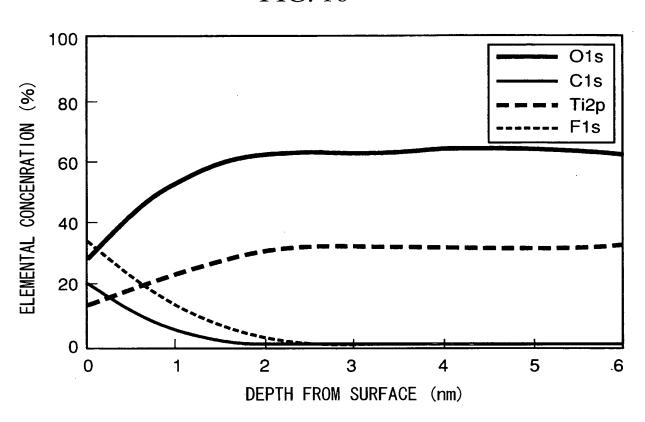


FIG. 17

